

ABSTRACT OF THE DISCLOSURE

A method of forming a polyethercarbonate polyol using a multimetal
5 cyanide compound is disclosed. The method includes providing a multimetal cyanide
compound having a crystalline structure and a content of platelet-shaped particles of
at least 30% by weight, based on the weight of the multimetal cyanide compound and
further including at least two of the following components: an organic complexing
agent, water, a polyether, and a surface-active substance. Then an alcohol initiator is
10 reacted with at least one alkylene oxide and carbon dioxide under a positive pressure
in the presence of the multimetal cyanide compound, thereby forming the
polyethercarbonate polyol.